

**PRE-APPEAL BRIEF REQUEST FOR REVIEW**

Docket Number (Optional)

IDF 1560 (4000-03400)

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on \_\_\_\_\_

Signature \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Application Number

10075336

Filed

2002-02-13

First Named Inventor

Kenneth Charles Boydston

Art Unit

3685

Examiner

Cristina O. Sherr

Applicant requests review of the final rejection in the above-identified application. No amendments are being filed with this request.

This request is being filed with a notice of appeal.

The review is requested for the reason(s) stated on the attached sheet(s).

Note: No more than five (5) pages may be provided.

I am the

☐ applicant/inventor.

/Michael W. Piper/

Signature

☐ assignee of record of the entire interest.

See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed.  
(Form PTO/SB/96)

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Typed or printed name

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☐ attorney or agent acting under 37 CFR 1.34.

Registration number if acting under 37 CFR 1.34 \_\_\_\_\_

June 21, 2010

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appellants:	Kenneth Charles Boydston, et al.	§	
		§	Group Art Unit: 3685
Serial No.:	10/075,336	§	
		§	Examiner: Sherr, Cristina O.
Filed:	February 13, 2002	§	
		§	Confirmation No.: 8714
For:	METHOD AND SOFTWARE FOR MIGRATING	§	
	PROTECTED AUTHENTICATION DATA	§	

**REASONS FOR REQUESTING PRE-APPEAL REVIEW**

In the Final Office Action dated March 31, 2010 ("Final Office Action"), claim 22 was rejected under 35 USC § 103(a) as being unpatentable over Sampson et al., U.S. Pat. No. 6,429,624 ("Sampson") in view of Blakley, III et al., U.S. Pat. No. 5,832,211 ("Blakley"). Appellants respectfully submit that the Final Office Action had a clear error because the applied art, alone or in combination, does not disclose all of the limitations recited in claim 22. Claims 23-35 depend from claim 22. Therefore, the arguments presented below in support of patentability for claim 22 apply to and are repeated for claims 23-35 as well. Also, Appellants submit that Mehring, et al. U.S. Pat. No. 6,609,115 does not cure the deficiencies of Sampson and Blakley noted below. Thus, for the reasons specified below, Appellants respectfully request allowance of claims 22-35.

I. Sampson in view of Blakley does not teach or suggest capturing the password provided to the source user authenticator, monitoring the source user authenticator for an approval response and populating the target datastore with the captured password upon receipt of an approval response.

Claim 22 of the pending application recites in part:

using the source user authenticator to prompt for and receive the identification and a password from the user, the target user authenticator: monitors the source user authenticator for an approval response, and upon an

approval response from the source user authenticator, captures the password provided to the source user authenticator by the user in response to prompting by the source authenticator, populates the target datastore with the captured password, and associates the captured password with the corresponding identification.

Thus, migrating password data from a source (or first) datastore to a target (or second) datastore according to the method of claim 22 may be accomplished without decrypting the password data stored in the source datastore and copying the decrypted password data to the target datastore. Rather, the interceptor captures the password provided by the user to the source user authenticator in response to prompting by the source user authenticator and waits to see whether the source user authenticator approves the user. If the source user authenticator approves the user's password, then the target user authenticator can populate its own datastore with the captured password knowing that the captured password is authentic. In some cases, the password data may be stored in the source datastore as, for example, a hash or other format that is not subject to being decrypted. However, such a method of storage is no impediment for migrating password data from the source datastore to the target datastore according to the method of claim 16 since no decryption is necessary. The only requirement is that the source user authenticator is still functioning such that it is able to verify that the entered password is authentic.

The Final Office Action acknowledges that Sampson does not teach these elements of claim 16 recited above, but alleges that Blakley does disclose these elements. See, Final Office Action, pp. 4-5. Appellants respectfully disagree. In contrast to claim 22, Blakley requires that passwords stored in a first datastore be decrypted and then passed as plain text passwords to the second datastore. See, for example, Blakley, column 8, which states that "if the value is identified, the password synchronization server retrieves client W's password from the password

repository and decrypts it. Next, in block **450**, the password synchronization server returns client W's password to foreign registry Z." This is a completely different method for transferring password data from one repository to another and is inapplicable to systems in which the password is stored as, for example, a hash, which is an item typically not capable of being decrypted.

II. Neither Sampson nor Blakley teach or suggest migrating password data from a source datastore to a target datastore.

Claim 22 of the pending application recites "migrating the source datastore to the target datastore, wherein the source datastore comprises user identification data and user authentication data, wherein the source datastore is associated with a source user authenticator, wherein the target datastore is associated with a target user authenticator, and wherein the target user authenticator is in communication with the source user authenticator." The Final Office Action alleges that Sampson discloses this feature citing various passages in columns 6, 7, and 17. See, Final Office Action, p. 4. Appellants respectfully disagree with this assertion. Sampson relates to a system that controls access to information resources. (See, Sampson, Abstract). Sampson discloses a session manager that determines whether the client is involved in an authenticated session with any access server in the system. If so, the client is permitted to access the resources without logging in to the specific access server that is associated with the protected server. Thus, Sampson merely teaches a single sign-on system such that a user only has to authenticate themselves once rather than multiple times even though the system may include multiple protected resources requiring authentication. Sampson does not disclose migrating identification and authentication (e.g., password) data from a source datastore to a target datastore. In fact, Sampson is completely unconcerned with migrating data of any type at all. Sampson is simply

concerned with providing a single sign-on for a user so that the user does not have to log in multiple times in order to access various protected resources in the system. Such a system is unrelated to migrating authentication data from one datastore to another without requiring a user to re-enroll.

Blakley does not cure this deficiency in Sampson. Blakley provides password synchronization between a main data store and a plurality of secondary data stores. (See, for example, Blakley, Abstract). This enables the user to maintain a single, unique password among the plurality of secondary datastores. Thus, Blakley uses a password synchronization server to store user names and plain-text passwords securely and to respond to requests from secondary datastores for their retrieval. The passwords are sent to the secondary datastores using encryption that is decipherable by the secondary datastores. However, notably absent from Blakley is any teaching or suggestion of migrating data from a source datastore to a target datastore. Note that data migration is not equivalent to data replication. Also, Blakley does not address the problem of migrating from one vendor's proprietary encryption scheme to another vendor's product without having every user re-enter their security information and without decrypting the data stored in the first vendor's product.

For at least the reasons established in sections I and II, Appellants respectfully submit that the Final Office Action contains clear errors and submit that independent claim 22 is not taught or suggested by Sampson in view of Blakley and respectfully request allowance of this claim.

**Conclusion**

Appellants respectfully submit that the Final Office Action had clear errors because all of the limitations of the claims clearly were not met by the applied art for the reasons stated above. Accordingly, Appellants respectfully request prosecution to be reopened and Appellants respectfully submit that the present application is in condition for allowance.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the foregoing papers submitted herewith, or to credit any overpayment thereof, to Deposit Account No. 21-0765, Sprint.

Respectfully submitted,

Date: June 21, 2010

/Michael W. Piper/

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